

AREAL GEOLOGY



LEGEND

- SEDIMENTARY ROCKS**
(Areas of subaqueous deposits are shown by patterns of parallel lines, subaerial deposits by patterns of circles)
- Recent**
 - Qal Alluvium
(in flood plains of present streams)
 - Qlg Later glacial gravel
(outwash sand and gravel of latest origin, on lower terraces, probably of Wisconsin age)
 - Qlt Lower terrace gravel
(fine sand and bowlders of local derivation, probably of Wisconsin age)
 - Qeg Earlier glacial gravel
(outwash sand and gravel of distant origin, on higher rock terraces, probably of Kansan or pre-Kansan age)
 - Qcm Carnichaels formation
(clay sand and bowlders of local derivation, on higher terraces and in abandoned channels, probably of Kansan or pre-Kansan age)
 - Quaternary**
 - Pleistocene**
 - Carboniferous**
 - Cm Monongahela formation
(coarse sandstone and shale with the Pittsburgh coal at the base)
 - Ccm Conemaugh formation and Ames limestone lentil
(sandstone, shale, and limestone, with a few small coal beds)
 - Ca Allegheny formation
(shale and massive sandstone with beds of limestone and valuable seams of coal and fire clay. Upper Freeport coal at the top)
 - Cpv Pottsville sandstone
(coarse massive white sandstone and fine conglomerate)

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 Triangulation by S. S. Gannett and D. H. Baldwin.
 Topography by Frank Sutton, E. B. Clark, and J. D. Forster.
 Surveyed in 1901.



Contour interval 20 feet.
 Datum is mean sea level.
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